

Amendments to the Claims:

This listing of claims will replace all prior versions and listings of claims in the application.

Listing of Claims:

Claims 1-4 (cancelled).

Claim 5 (currently amended) The process according to Claim [4,] 16 wherein the weight ratio of the side stream to the main stream is 1:4 to 1:30.

Claim 6 (cancelled).

Claims 7-8 (cancelled).

Claim 9 (original). Continuous process for mixing highly viscous polymer melts as main stream in a flow tube with additives from a liquid side stream, characterized in that the additives (11) are premixed with part of the polymer melt (12) in the side stream, that the additive-containing side stream (13) is fed through a feed line (14) arranged in particular centrally in the flow tube, into the main stream (8), the combined streams are intensively mixed in a first static mixer (10) directly connected downstream, and this premixture is finely divided in a mixing tube (15) of enlarged cross-section and in a second static mixer (16) of finer structure (mesh width).

Claim 10 (original). Process according to claim 9, characterized in that the cross-section of the mixing tube of the second static mixer is by a factor of at least 1.2 larger than the cross-section of the mixing tube of the first static mixer.

Claim 11 (original). Process according to claim 9 characterised in that the cross-section of the mixing tube of the second static mixer is by a factor of at least 2 larger

than the cross-section of the mixing tube of the first static mixer.

Claim 12 (original). Process according to claim 9 characterised in that the number of the product throughput openings (per unit surface area) in the second static mixer is at least 1.5 times the number of throughput openings (per unit surface area) in the first static mixer.

Claim 13 (original). Process according to claim 9 characterised in that the highly viscous polymer melt is polycarbonate.

Claim 14 (cancelled).

Claim 15 (currently amended). The mixture of thermoplastic polycarbonate and at least one additive prepared by the process of Claim [9] 16.

Claim 16 (new). A continuous process for mixing a thermoplastic polycarbonate melt with at least one additive comprising adding the at least one additive in the form of a side stream that includes a premixture of polycarbonate melt to a main stream that includes molten polycarbonate and then mixing the additive and polycarbonate in a static mixer said additive being in liquid form, in solution or in the form of a dispersion.

Claim 17 (new). The process according to Claim 16 wherein the side stream is formed from recycled polycarbonate.